

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A method of treating pancreatitis ~~reducing or inhibiting the level of enzymatic activity or enzymatic secretion in pancreatic cells~~ in a mammalian subject afflicted with pancreatitis comprising

administering to said subject an effective amount of an amylin or an amylin analog, wherein the amylin analog has amylin agonist activity,

wherein the level of inflammation, enzymatic activity or enzymatic secretion in pancreatic cells of said subject is reduced or inhibited.

2-5. (Canceled)

6. (Original) The method of claim 1 wherein said subject is a human.

7-8. (Canceled)

9. (Original) The method of claim 1 wherein said amylin analog is ^{25,28,29}Pro-h-amylin.

10-26. (Canceled)

27. (Previously presented) The method of claim 1 wherein 0.1 µg to 1 mg of said amylin or said amylin analog is administered to said mammalian subject in a single, divided, or continuous dose.

28. (Canceled)

29. (Previously presented) The method of claim 1 wherein about 2 µg to about 8 mg per day of said amylin or said amylin analog is administered to said mammalian subject.

30. (Canceled)

31. (Previously presented) The method of claim 1 wherein the amylin or amylin analog is amylin.

32. (Canceled)

33. (Canceled)

34. (Currently amended) The method of claim ~~33~~ 1 wherein the pancreatitis is acute pancreatitis.

35. (Currently amended) The method of claim ~~33~~ 1 wherein the pancreatitis is chronic pancreatitis.

36. (Previously presented) The method of claim 34 further comprising administering to the subject an agent or regimen used to treat acute pancreatitis.

37. (Previously presented) The method of claim 36 wherein the agent is clinically used to treat pancreatitis.

38. (Previously presented) The method of claim 36 wherein the agent is a pancreatic enzyme.

39. (Previously presented) The method of claim 36 wherein the regime includes a low-fat diet.

40. (Previously presented) The method of claim 36 further comprising administering to said subject an analgesic.